

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/001791

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ H04B1/707, 1/10, 3/06, 7/005, 7/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ H04B1/707, 1/10, 3/06, 7/005, 7/26

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	Teruo KAWAMURA et al., "HSDPA ni okeru Multipath Kansho Cancellor to Chip Tokaki no Tokusei Hikaku", The Institute of Electronics, Information and Communication Engineers Gijutsu Kenkyu Hokoku, RCS2001-237, Vol.101, No.545, 11 January, 2002 (11.01.02)	1, 15 2-14, 16-28

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
07 April, 2005 (07.04.05)

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26 April, 2005 (26.04.05)

Name and mailing address of the ISA/
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PCT/JP2005/001791

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2004-523957 A (Interdigital Technology Corp.), 05 August, 2004 (05.08.04), Par. Nos. [0033] to [0038] & CN 1502175 A 02 June, 2004 (02.06.04) & KR 3097840 A 31 December, 2003 (31.12.03) & EP 1358718 A2 05 November, 2003 (05.11.03) & KR 3076658 A 26 September, 2003 (26.09.03) & NO 20033476 A 18 September, 2003 (18.09.03) & US 2003/0043767 A1 06 March, 2003 (06.03.03) & US 2003/0035392 A1 20 February, 2003 (20.02.03) & US 2002/0159415 A1 31 October, 2002 (31.10.02) & WO 2002/063779 A2 15 August, 2002 (15.08.02)	2, 9, 16, 23 1, 3-8, 10-15, 17-22, 24-28
Y A	JP 4-267647 A (NEC Corp.), 24 September, 1992 (24.09.92), Claim 1 & US 5291519 A 01 March, 1994 (01.03.94) & EP 500326 B1 10 July, 1996 (10.07.96) & EP 500326 A3 02 September, 1992 (02.09.92) & EP 500326 A2 26 August, 1992 (26.08.92) & DE 69212016 E 14 August, 1996 (14.08.96)	3, 4, 10, 11, 17, 18, 24, 25 1, 2, 5-9, 12-16, 19-23, 26-28
Y A	JP 5-207076 A (NEC Corp.), 13 August, 1993 (13.08.93), Claims 1, 2 (Family: none)	3, 4, 10, 11, 17, 18, 24, 25 1, 2, 5-9, 12-16, 19-23, 26-28

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PCT/JP2005/001791

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2001-510958 A (Ericsson Inc.), 07 August, 2001 (07.08.01), Claims 1, 2, 7, 9 & WO 9904/004537 A1 28 January, 1999 (28.01.99) & US 6333953 B1 25 December, 2001 (25.12.01) & MX 218496 B 08 January, 2004 (08.01.04) & KR 1022037 A 15 March, 2001 (15.03.01) & IL 134012 A 01 June, 2004 (01.06.04) & EP 998805 A1 10 May, 2000 (10.05.00) & CN 1271489 A 25 October, 2000 (25.10.00) & BR 9811283 A 29 August, 2000 (29.08.00) & AU 747699 B 16 May, 2002 (16.05.02) & AU 8276498 A 10 February, 1999 (10.02.99)	3-7, 10-13, 17-21, 24-27 1, 2, 8, 9, 14-16, 22, 23, 28
Y A	JP 3135586 B2 (Mitsubishi Electric Corp.), 06 April, 1999 (06.04.99), Claim 8 & WO 98/23043 A1 28 May, 1998 (28.05.98) & AU 7638896 A 10 June, 1998 (10.06.98) & EP 878921 A1 18 November, 1998 (18.11.98) & US 6349119 B1 19 February, 2002 (19.02.02) & AU 706075 B 10 June, 1999 (10.06.99)	5-7, 12, 13, 19-21, 26, 27 1-4, 8-11, 14-18, 22-25, 28
Y A	JP 2000-138656 A (NEC Corp.), 16 May, 2000 (16.05.00), Figs. 3, 4 & WO 2000/027042 A1 11 May, 2000 (11.05.00) & JP 333464 B2 15 October, 2002 (15.10.02) & EP 1128569 A1 29 August, 2001 (29.08.01) & CN 1323466 A 21 November, 2001 (21.11.01)	8-28 1-7

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X P, A	JP 2004-159284 A (Matsushita Electric Industrial Co., Ltd.), 03 June, 2004 (03.06.04), Claims 1 to 4 & EP 1473853 A1 03 November, 2004 (03.11.04) & WO 2004/025876 A1 25 March, 2004 (25.03.04)	8, 10, 11, 22, 24, 25 1-7, 12-21, 23, 26-28